

Radiation of Plasma in Magnetic Field, by B. A.
Trubnikov, 10 pp. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958. CIA 9033911

Rand Corp T-101

Sci - Med
Dec 58

69,832

The Long Period Luni-Solar Tide in the Pacific Ocean,
by I. V. Maksimov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5, 1958,
pp 888-890.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,509

The Formation of the Gaseous Tails of Comets, by
D. O. Mokhnach, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5, 1958,
pp 891-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,570

Milne's Problem With an Arbitrary Indicatrix, by
M. V. Maslennikov, 4 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol CXVIII, No 5,
1958, pp 895-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91,504

An Investigation of Extensive Air Showers, by O.
Dovzhenko, V. Zatsepin, E. Murzina, S. Nikol'skiy,
I. Rakobol'skaya, E. Tukish, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVIII, No 5, 1958,
pp 899-902.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,482

On the Theory of the Virial Development for
Non-Ideal Gases, by D. N. Zubarev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 903-906.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci & Phys

Jul 59

91,483

On the Theory of the Broadening of Spectral
Lines in a Plasma, by V. I. Kogan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 907-910.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,484

A Note Concerning Dispersion Relations for the
Scattering of Pions by Nucleons, by B. M. Stepanov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5, 1958,
pp 911-~~913~~.912.

Amer Inst of Phys
Sov Phys - Doklady
Vol XXI, No 1

Sci - Phys

Jul 59

91,477

Plasma Radiation in a Magnetic Field, by B. A.
Trubnikov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5, 1958,
pp 913-916

Amer Inst of Phys
Scv Phys - Doklady
Vol III, No 1
AEC - T-101(RAND)

Sci - Phys

TT-61-71627

Jul 59

91,478

Direct Observation of the Deformation of Intense
Ultrasonic Waves in Liquids, by V. A. Burov,
V. A. Kozent'ev, ⁵
V. A. Sosulin

RUSSIAN, par. Dok Ak Nauk SSSR, Vol CAVIII, No 8,
1958, pp 920-923.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,471

On Diffusion-Free Crystallization of Metallic Alloys,
by V. M. Glasov, V. N. Vygocrovitch. Ural

RUSSIAN to FRENCH, par, Dok Ak Nauk SSSR, Vol CXVIII,
No 5, 1958, pp 924-927.

IRSID T 1078

185 Rue President-Roosevelt
St. Germain-en-Laye (3-ec0)
France

Sci - Min/Met
Apr 59

835 031

Universe "Dobleday" Networks, by I. L. Orla;
2 pp.

RUSSIAN, par., Dok Ak Nauk SSSR, Vol CXVII, No 5,
1958, pp 928~.

AUTOMATION EXPRESS
Vol 1, No 2
INTERNATIONAL PHYSICAL
INDEX

Amer Inst of Phys
Sov Phys - Dobleday
Vol III, No 1

Sci - Phys DOUBLE BE 5 LIGHTLY

JUL 59

91, 509

Contribution to the Problem of the Thermo-dynamics of the Hydrochlorination of Iso-butylene, by D. N. Andreyevskiy, B. A. Krentselⁿ, A. V. Topcheyev, 4 pp.

RUSSIAN, per, Nauk Dok Ak Nauk SSSR, Vol CXVIII,
No 5, 1958, pp 931-934.

Consultants Bureau

Sci-Chem

Jun 59

88, 802

Thermal and X-Ray Phase Analysis of the CsF-BeF₂ System and Its Interrelations With NaF and BeF₂ Systems, by O. N. Breusov, A. V. Novoselova, Yu. P. Simanov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVIII, 1958,
pp 935-937.

General Information
ABC 3455

Sci -Chem

Dec 58

78,249

Synthesis of Aromatic Hydrocarbons. A New
Method for the Synthesis of Hydrocarbons of the
Fluorene Series, by R. Ya. Levina, V. R.
Skvarchenko, L. A. Chervoneva, ~~Konf. Dokl. Akad. Nauk SSSR~~
L. V. Fedorchuk, T. T. Vasiliyeva, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 938-941.

Consultants Bureau

Sci-Chem

88,795

Jun 59

Stereoisomeric 1-Methyl-2Alkylcyclohexanes,
by A. L. Liberman, I. M. Kuznetsova, ~~etc.~~,
N. I. Tyun'kina, B. A. Kazanskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
Mazik No 5, 1958, pp 942-945.

Consultants Bureau

Sci-Chem

Jun 59

88,797

The Interaction of Atomic Groupings Separated
from Each Other Through a System of Two Benzene
Rings Connected by a Bridge, by L. M. Litvinenko,
R. S. Chasko, S. V. Tsukerman, pp. 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 946-949.

Consultants Bureau

Sci-Chem

Jun 59

88, 796

Aromatic Hydrocarbons Produced Through
Catalytic Treatment of Thermally Cracked
Kerosene in the Presence of Light Pyrolytic
Petroleum Oil, by G. M. Mamedaliyev, S. M.
Aliyev, 9 pp. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, No 5, 1950,
pp 950-953, Enc1 to IN-2490-58, AFCIN-LAL.

AF 1186752
AFS - AJ-1403

Sci - Chem
Aug 58,

68,925

Addition Reactions of Nitroalkanes to Benzalacetone,
by S. S. Novikov, I. S. Korsakova, N. A. Yatskovskaya,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 954-956.

Consultants Bureau

Sci-Chem

Jun 59

88,792

Synthesis of p-Trialkylsilyl- and μ -
p-Trialkylsilylalkylstyrenes, by A. D. Petrov,
E. A. Chernyshev, N. G. Tolstikova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 957-959.

Consultants Bureau

Sci-Chem

Jun 59

88,793

Radical-Exchange Reactions in the Presence of
AlCl₃, by G. A. Razuvayev, G. G. Petukhov,
A. G. Artemyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 5, 1958, pp 960-963.

Consultants Bureau

Sci-Chem

Jun 59

88,794

Catalytic Cracking of Some Unsymmetrical
Diarylethananes, by V. D. Ryabov, V. L. Vayner,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 964-966.

Consultants Bureau

Sci-Chem

Jun 59

88,788

Dipole Moments of Esters of Isomeric 1,2-Cyclohexanedicarboxylic Acids, by A. N. Shidlovskaya, Ya. K. Syrkin, I. N. Mazarov, V. F. Kucherov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5, 1958, pp 967-969.

Consultants Bureau

Sci-Chem

Jun 59

88,790

Synthesis of Alkylated Hydroperoxides of the
1,1-Diphenylethane Series and the Use of
Chromatography for Their Recovery, by T. I.
Yurzhenko, K. S. Grigoryeva, N. V. Aref'yev,
M. R. Vilenskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 970-.

Consultants Bureau

Sci-Chem

Jun 59

88,789

Electronographic Investigation of the Structure of/
the Molecule of Lithium Oxide, by P. A. Akishin, E
N. G. Rambidi, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5.
1958, pp 973-976.

Consultants Bureau

Sci - Chem
Dec 58

77,468

The Vapor Pressure of Chromium Over Chromium-Iron
Alloys in the Solid State, by E. Z. Vintaikin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 977-979.

Consultants Bureau

SLA 58-22439

Sci - Chem
Dec 58

77,469

The Effect of an External Electric Field on the Adsorptive Power of a Semiconductor, by P. P. Vol'kenshtein, V. B. Sandomirskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 980-982.

Consultants Bureau

20-1721

Sci - Chem
Dec 58

77,470

Dependence of the Yield of Formaldehyde in the
Oxidation of Methane on the Concentration of Homo-
geneous Initiator, the Amount of Inert Gas and the
Condition of the Walls of the Reaction Vessel, by
N. S. Enikolopian, G. V. Korolev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 903-906.

Consultants Bureau

FD-36 (Rev. 5-15-64)

Sci - Chem
Dec 58

77,471

The Effect of Tribenzylamine on the Reaction of
Reduction of the Persulfate Ion, by N. V. Nikolayeva-
Fedorovich, L. A. Fokina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 987-990.

Consultants Bureau

Sci - Chem
Dec 58

77,472

Some Special Features of the Radiation Destruction of Polymers, by A. B. Taubman, L. P. Yanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 991-993.

Consultants Bureau

Sci - Chem
Dec 58

77, 473

The Effect of Rate of Deformation on the Rate of
Thixotropic Recovery of Aluminum Naphtenate Gel and
and Oscillographic Method of Recording Strain-
Deformation Curves, by T. S. Shilopalkina, A. A.
Trapeznikov, 4 pp. G. SHILOPALKINA,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 994-.

Consultants Bureau

Sci - Chem
Dec 58

77,474

Organic Phosphorus in Petroleum, by A. A. Kartsev,
A. I. Sladkov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 998-.

Consultants Bureau

Sci - Geophys

Jun 59

88, 651

The Turnover of Some Phosphorus Compounds in
Various Layers of the Cerebral Cortex of the Albino
Rat, by M. N. Baranov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 1000-1003.

Amer Inst of Biol Sci

Sci - Biology, Chemistry
Jan 59

79, 190

Oxidative and Glycolytic Phosphorylation in
Leukocytes, by N. B. Chernyak, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 1004--.

Amer Inst of Biol Sci

Sci - Biology, Chemistry
Jan 59

79,191

The Age Relations of the Siderite Ores and Dia-
bases in the Region of the Bakhal Deposit, by N. K.
Burgelya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVIII, No 5,
1958, pp 1007-1009.

Consultants Bureau

Sci - Geophys

Jan 59

79,356

The Lithology of the Upper Visean Sandy Clay Sequence on the Southwestern Border of the Donets Basin, by M. E. Dolnia, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CAVIII, No 5, 1958, pp 1010-1013.

Consultants Bureau

Sci - Geophys

Jan 59

79,357

Neogene Coal Formation in the Basin of the Lower
Course of the Aldan River, N. A. Ignatchenko, 4 pp.
PA

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVIII, No 5,
1958, pp 1014-1017.

Consultants Bureau

Sci - Geophys

Jan 59

79, 359

The Connection Between the Modern Landscape in
the Tobol'sk Region and Deep Structures, by A. S.
Kuznetsov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVIII, No 5,
1958, pp 1018-1020.

Consultants Bureau

Sci - Geophys

Jan 59

79,358

A Brief Description of the Natural Waters in the
Region of the Tyrraus Ore Deposit, by N. G.
Gurevich, I. M. Ovechkinikov, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CIXVIII, No 5,
1958, pp 1021-.

Consultants Bureau

Sci - Geophys

79,371

Jan 59

Stibiotantalite from a Pegmatite Vein in the
Northern Part of the Kola Peninsula, by A. V.
Sosedko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVIII, No 5,
1958, pp 1025-1026.

Consultants Bureau

Sci - Geophys

Jan 59

79,374

A New Discovery of Holmquistite, by V. A.
Khrostova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1958, pp 1027-.

Consultants Bureau

Sci - Geophys

Jan 59

79,376

Fixation of Phosphates by Different Soils, by
A. A. Maleyna, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,
1956, pp 1031-1033.

SLA 59-19604

Sci

OTS, Vol III, No 7

133,078

Nov 60

Finding of Pollen of Paleozoic Angiosperms with Open Pores, by V. K. Tetaryuk, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVKII, No 5, 1958, pp 1034, 1035.

Assoc Tech Serv
9/22/78

Sci - Geophysics
May 59
OBS, V I, No 6

86,357

Isotopic Tracer Studies of Fertilization in Plants,
by G. B. Medvedeva, L. Kh. Sidus, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVIII, No 5,
1958, pp 1037-.

Amer Inst of Biol Sci

Sci - Med

96,905

The Effect of the Microelement Cadmium on Grapes,
by O. K. Dohrolyubskiy, Av. Slavvo 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXVIII, No 5,
1958, pp 1040-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

91,970

The Sequence of Cell Division During the Development
of the Embryo Sac in Peanut (Arachis hypogaea L.)
by S. S. Zamotaylov. 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CKVIII, No 5,
1958, pp 1043-.

Amer Inst of Biol Sci

Sci & Biol

Jul 5,

92, 184

C
A Phaner in the Datas.

The Relation of the Functioning of Vegetative
Reproductive Organs in Perennial and Annual Cereals
to the Process of Seed Formation, by V. V. Skripchinsky. 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVIII, No 5,
1958, pp 1046-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92,186

Methods of Improved Accuracy and of Approximations
from Above and Below to Solutions of Parabolic
Equations, by V. K. Saulev.

RUSSIAN, per, Akademiya Nauk SSSR. Doklady,
Vol 118, 1958, pp 1088-1090.

NTC 71-13782-12A

AEC - UCRL - Tr - 10192 6 pp P91068565-V

Feb 72

A Radio Image of the Sun With 3.2-cm Waves,
by V. V. Vitkevich, A. D. Kuz'min, A. E.
Saldamovich, V. A. Udal'tsov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1091-1093.

1 GY
Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

91, 511

Jul 59

A "Lunar" Radio Interferometer, by G. A. Gurzadyan,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1094-1097.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

OTB - 3 - 14668

Jul 59

91, 572

the Reaction of Summer Wheat Varieties as
the Result of Environmental Conditions of Plant
Growth, by M. G. Agayev. 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXVIII, No 6,
1958, pp 1197-.

Amer Inst of Biol Sci

Sci - Biol

Jul 59

92, 185

Inversion Formula for the Sommerfeld Integral, by
G. D. Malyushinets, 5 pp.

RUSSIAN ver, Dok Ak Nauk SSSR, Vol CXVIII, No 6, 1958,
pp 1099-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,499

Masses of the Isotopes of Lead, by R. A.
Demirhanov, T. I. Gutkin, V. V. Dorokhov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1103-1104.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,479

The Crystal Deformability Criterion and Adsorption Effects, by E. D. Shchukin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1105-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91, 480

The Structure of Magnetic Diurnal Variation, by
V. M. Mishin, 4 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol CIVIII, No 6,
1958, pp 1109-.

Consultants Bureau

Sci - Geophys

Jan 59

79,368

Experimental Verification of the Binomial Law of
Friction, by G. I. Epifanov, 3 pp.

RUSSIAN, ser. Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1950, pp 1113-1115.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,472

The Production of a Single-Frequency Oscillatory System, by A. G. Smagin, 2 pp.

RUSSIAN, por, Dok Akad Nauk SSSR, Vol CRVIII, No 6, 1958,
pp 1115-.

Amer Inst of Phys
Sov Phys - Doklady
Vol XIII, No 1

Sci - Phys

Jul 59

91,465

Heat Emission in Pipes During Laminar Flow of a
Liquid With Axial Heat Conduction Taken into Account,
by D. A. Labuntsov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1118-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 1

Sci - Phys

Jul 59

91,508

The Preparation of Halomethyl Derivatives of
Aluminum by the Diazoalkane Method, by L. Al'mashi,
I. Fel'meri, A. Gants, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1121-1123.

Consultants Bureau

Sci-Chem

Jun 59

88,791

The Synthesis of Infusible but Soluble Polymers,
by K. A. Andryanov, A. A. Zhdanov, E. Z. Asnovich,
4 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXVIII, No 6,
1958, pp 1124-1127.

Consultants Bureau

Sci-Chem

Jun 59

89,020

Alkylation of Naphthalene, B-Methylnaphthalene
and Tetraline with Acetylene, by V. L. Vayner,
V. D. Ryabov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 6, 1958, pp 1120-1130.

Consultants Bureau

Sci-Chem

Jun 59

89,02.2

X-Ray Structural Investigation of Naphthazarine,
by G. A. Gol'der, G. S. Zhdanov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 6,
1958, pp 1131-1132.

3

Consultants Bureau

Sci-Chem

Jun 59

89, 021

Electron-diffraction Study of the Structure of
Beryllium Halide Molecules, by P. A. Akishin, V. P.
Spiridonov, L. A. Sobolev, 4 pp.

RUSSIAN, per, Dok. Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1134-1137.

Consultants Bureau

Sci - Chem
Dec 58

77,475

Yields of Formaldehyde and Acetaldehyde in the High-Temperature Oxidation of Ethane, by N. S. Enikolopian, G. V. Korolev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CAVII, No 6, 1958, pp 1138-1141.

AT&T BELL LABORATORIES
Consultants Bureau

Sci - Chem
Dec 58

77,476

The Reaction of Methyl Radicals Prepared by
Polian's Method, with Deuterium, by O. A.
Ivanov, and N. V. Fok, V. V. Vysvoditskiy,
4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CIVIII,
No 6, 1958, pp 1142 - .

XEROX 2000
Consultants Bureau

Sci - Chem
Apr 59
CIA, V. I, No 5.

85,919

The Primary Reduced Form of Some Compounds Related
to Chlorophyll, by V. B. Evstigneyev, V. A. Gavrilova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1146-1149.

Amer Inst of Biol Sci

Sci - Biology, Chemistry
Jan 59

79,192

A Study of the N-Terminal Groups of the Piptide
Liberated During Activation of Pepsinogen, by L. A.
Lokshina, V. N. Orehovich, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1150-1152.

Amer Inst of Biol Sci

Sci - Biology, Chemistry
Jan 59

79,193

Changes in Volatile Aldehyde Content During Thermal Treatment of Tea, by N. I. Skovaleva, M. A. Bokuchava, A. M. Knyazeva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6, 1958, pp 1153-.

Amer Inst of Biol Sci

Sci - Biology, Chemistry
Jan 59

80,562

A New Structure of Marine Sediments, by I. K.
Avilov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1155-1157.

Consultants Bureau

Sci - Geophys

Jan 59

79, 360

The Regional Subdivision of the Alluvial Deposits
of Pamir According to their Mineral Associations,
by A. B. Vistelyus, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIXXII, No 6,
1958, pp 1158-1161.

Consultants Bureau

Sci - Geophys

Jan 59

79,361

The Paragenesis in Coal-Bearing and Concretion-Bearing Rocks, by F. I. Matsova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIXXII, No 6, 1958, pp 1162-1163.

Consultants Bureau

Sci - Geophys

Jan 59

79,363

The Lower Carboniferous Deposits of Sikhote-Alin
(Basin of the Avvakumovka River), by A. I. Zhmoldin,
N. S. Podgornaya, M. I. Sosina, 4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1166-1168.

Consultants Bureau

Sci - Geophys

Jan 59

79,362

The Geologic Section and the Potassium and Boron Content of the Chelhar Salt Structure, by S. M. Korenevskiy, Yu. S. Goryunov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVIII, No 6,
1958, 1169-1172.

Consultants Bureau

Sci - Geophys

Jan 59

79, 364

An Assemblage of Foraminifers from the Paleozoic
Rocks of the Koryak Range, by A. D. Nikitukho-
Maklai, I. M. Rusakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVIII, No 6,
1958, pp 1173-.

Consultants Bureau

Sci - Geophys

Jan 59

79,365

Types of Thermal Springs in the Sayan-Baikal
Mountain Region, by V. G. Tmachuk, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIVIII, No 6,
1958, pp 1170-.

Consultants Bureau

Sci - Geophys

Jan 59

79, 370

A Description of the Mineral Composition of the
Chemically Precipitated Formations of the Chelkai
Uplift, by V. V. Lobanova, 4 pp.

RUSSIA, par, Dok Ak Nauk SSSR, Vol CIVIII, No 6,
1958, pp 1180-1182.

Consultants Bureau

Sci - Geophys

Jan 59

79,979

A New Diagram for the Optical Properties of Acid
and Intermediate Plagioclase, by A. S. Marfunin,
2 pp.

MOSCOW, 1958, Dok Akad Nauk SSSR, Vol CXXIII, No 6,
1958, pp 1103-.

Consultants Bureau

Sci ~ Geophys

Jan 59

79,978

Vertical Distribution of Copopods in the Kuroshio and
Their Mode of Penetration into the Zone of Mixing of
Subtropical and Subarctic Waters, by A. K. Geinrikh,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1191-1193.

Amer Inst of Biol Sci

Sci - Med

96,916

Typing of Different Areas of the Meritic Zone of
the Boreal Region of the Pacific Ocean, by O. I.
Semina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1194-.

Amer Inst of Biol Sci

Sci - Geophys

96, 917

The Process of Wound Healing (the ~~and~~ Problem of
the Integrated Nature of the Organism as Exemplified
of Amphibia, by N. A. Yoff, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6,
1958, pp 1200-.

Amer Inst of Biol Sci

Sci - Med

96,904

On Reiterated Differentiation With Respect to
Parameter of the Solutions of a System of
Ordinary Differential Equation With a Small
Parameter in the Derivative, by A. B. Vasil'yeva,
UECLASSIFIED

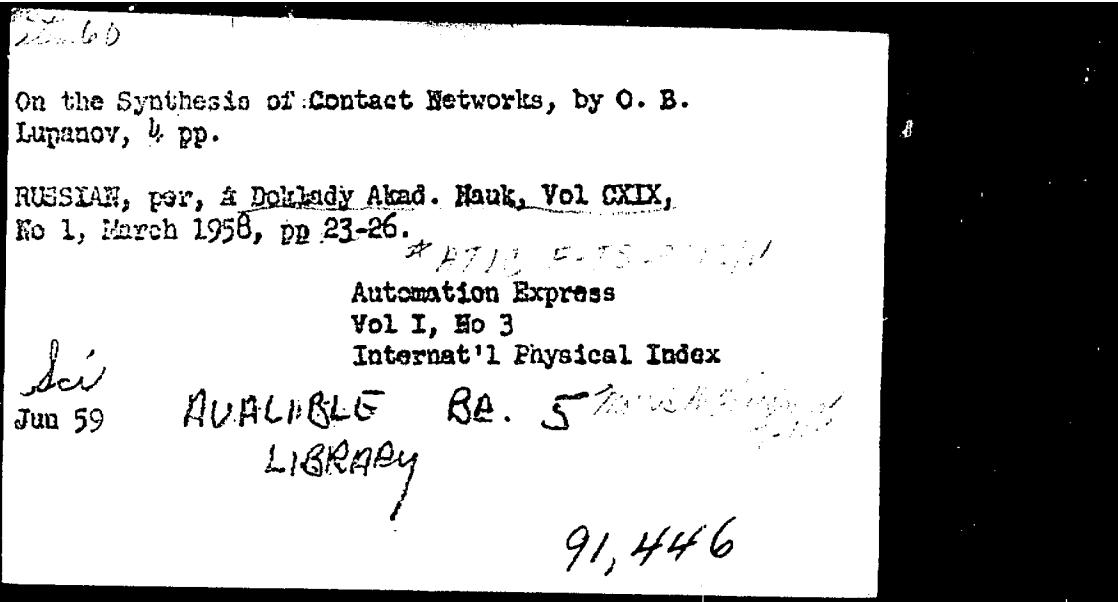
RUSSIAN, per, Dok Ak Nauk SSSR, Vol
CXIX, No 1, 1958, / /.

Navy Tr 1851/JH T-24

" " 1935 " "

Sci - Physics
Sep 58

73, 637



On is the Geometry of Compound Kinematic Chains,
by Yu. F. Moroshkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1958, pp 38-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91, 850-

Contribution to the Rakh Problem of Forced
Pseudoharmonic Oscillations of Rods on
Elastically Compliant Supports, by V. A. Ivovich,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1958, pp 42-47.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2
*ATIC F-TS-9812/V

Sci - Phys

Jul 59

91, 880

Some Results of an Investigation⁸ of Elastic State
Limits of Plastically Drawn Nickel Samples, by
Yu. I. Yaga, G. A. Shishmarov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1, 1958,
pp 46-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91,873

Relation Between the Inversion Formulas for the
Sommerfeld Integral and the Formulas of Kontorovich-
Lebedev, by G. D. Malyuzhinets, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1, 1958,
pp 49-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91,854

On the Condition for Superconductivity in the Theory
of Nuclear Matter, by N. N. Bogolyubov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1, 1958,
pp 52-55.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91, 858

A Radiochemical Investigation of the Products
of Lanthanum Fission by 660-MEV PROTONS, BY
A. K. Devyatkina, L. D. Karasevina, A. A.
Pozdnyakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1958, pp 56-58.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

91,859

Jul 59

On the Possible Existence of Several Phosphor-
escence Levels κ in Organic Luminophors, χ by
V. A. Pilipovich, B. Ya. Sveshnikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1958, pp 59-.

Amer Inst of Phys
Sov Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91, 860

Accumulation of Sugars in Wheat Leaves Under the
Influence of X-Ray Irradiation, by I. M. Vasil'yev,
M. D. Rybalka, Ts'iu Su-Yun, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1958, pp 62-64.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91,872

The Effect of β -Particles of Radioactive Isotopes on
the Change in Size of the Chloroplasts of Elodea
Canadensis, by P. A. Vlasyuk, N. I. Bidzilia, + vp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 4, 1958,
pp 65-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys
Jul 59

91,865

Cyclic Repolarization Noise in Ferroelectric Materials, by L. A. Andronova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1978, pp 68-70.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys
Jul 59

XPTIC FTS - 9/12/V
91, 891

Diagram of the Fatigue and Failure of Metals, by
V. S. Ivanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1958, pp 71-74.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91, 892

Structure of Thin Films of Sb_2S_3 Obtained by Sublimation in a Nitrogen Atmosphere at Pressures Below 4 mm Hg., by A. M. Rechetsnikov, 4 pp.

RUSSIAN ver, Dok Ak Nauk SSSR, Vol CXIX, No 1, 1958,
pp 75-78.

E. S. Johnson
C. S. I. R.
314 Albert St
L. Melbourne
Sci - Phys Div
Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Jul 59

91,885

The Connection Between the Process of Carbide Formation
in the Tempering of Steel and the Phenomenon of
Reversible Temper Brittleness, by L. M. Utevskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1, 1958,
pp 79-, 82

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

HB 5369

Sci - Phys

Jul 59

91,886

Kinetics of the Polymerization of Isobutylene in
the Presence of the Addition Compound of Boron
Trifluoride With Ether, by M. I. Vinnik, G. B.
Manelis, G. V. Apple, N. N. Chirkov, 4 pp.

Russia, per, Dok Akad SSSR, Vol CXIX, No 1,
1958, pp 98-100.

Consultants Bureau

Sci - Chem

May 59

87,030

Physicochemical Investigation of Some Systems Containing Triethylaluminum and its Derivatives, by A. I. Grayevskiy, Sh. S. Shchegol', Z. S. Smoliyan
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1958, pp 101-103.

Consultants Bureau

Sci - Chem

AC - R 5 - 3238

May 59

87,031

A Copper Catalyst for the Oxidation of Propylene to Acrolein, by O. V. Isaev, M. Ya. Kushnarev, L. Ya. Margolis, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 1,
1958, pp 104-106.

Consultants Bureau

Sci - Chem

May 59

87,032

Liquid Rise in Capillaries of Variable Cross Section and Capillary Hysteresis, by M. M. Kusakov,
D. N. Nekrasov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1958, pp 107-109.

Consultants Bureau

Sci - Chem

May 59

87,033

The Mechanism of the Anodic Formation of Bichromic Acid, by A. I. Levin, S. S. Savel'yev, 4 pp.

RGSSIAH, per, Dok Ak Nauk SSSR, Vol 109, No 1,
1958, pp 110-112.

Consultants Bureau

Sci - Chem

May 59

87,034